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(G)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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09/242, 772 06/25/99 VAN DE VEN

W 702-990278

HM12/1003

EXAMINER

RUSSELL D ORKIN
700 KOPPERS BUILDING
436 SEVENTH AVENUE
PITTSBURGH PA 15219-1818

WILDER, C

ART UNIT

PAPER NUMBER

20

1655

DATE MAILED:

10/03/01

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

UNITED STATES
DEPARTMENT OF COMMERCE
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SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.

EXAMINER	
ART UNIT	PAPER NUMBER

DATE MAILED:

Please find below a communication from the EXAMINER in charge of this application

Commissioner of Patents

1. The communication filed on July 30, 2001 in Paper No. 19 is not fully responsive because the application contains sequence disclosures that are encompassed by the definitions for nucleotide and/or amino acid sequences set forth in 37 CFR 1.821(a)(1) and (a)(2). However this application fails to comply with the requirements of 37 CFR 1.821 through 1.825. Specifically, this application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 CFR 1.821(c). This application does not contain a copy of the "Sequence Listing" in computer readable form as required by 37 CFR 1.82(e). Finally, this application contains claims, figures (4A, 4B, 8A-10) and disclosures in the specification at pages 37-39, 56-57, and 63 that are drawn sequences that are not identified by a sequence identifier (SEQ ID NO:).

Applicant is required to provide a sequence identifier to all nucleotide sequences 10 or more nucleotide bases in length and peptide sequences 4 or more amino acids in length (see MPEP 2421.02). Applicant must also provide an initial or substitute computer readable form (CRF) copy of the "Sequence Listing", an initial or substitute paper copy of the "Sequence Listing" as well as

an amendment directing its entry into the specification and a statement that the contents of the paper and computer readable copies are the same and, where applicable, include no new matter as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825 (b) or 1.825(d).

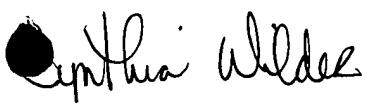
Applicant is given ONE MONTH, or THIRTY DAYS, whichever is longer, from the mailing date of this letter within which to comply with the sequence rules, 37 CFR 1.821 - 1.825. Failure to comply with these requirements will result in ABANDONMENT of the application under 37 CFR 1.821(g). Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). In no case may an applicant extend the period for reply beyond the SIX MONTH statutory period. Direct the reply to the undersigned. Applicant is requested to return a copy of the attached Notice to Comply with the reply.

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Examiner Cynthia Wilder whose telephone number is (703) 305-1680. The examiner can normally be reached on Monday through Thursday from 7:30 am to 5:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, W. Gary Jones, can be reached at (703) 308-1152. The official fax phone number for the Group is (703) 308-4242. The unofficial fax number is (703) 308-8724.

For questions regarding compliance to the requirements listed above, please contact (703) 308-4216, for Rules Interpretation, (703) 308-4212 for CRF submission help or (703) 287-0200 for Technical assistance with PatentIn software program support.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed the Group's receptionist whose telephone number is (703) 308-0196.

Cynthia B. Wilder, Ph.D. 

October 1, 2001


W. Gary Jones
Supervisory Patent Examiner
Technology Center 1600

10/1/01